

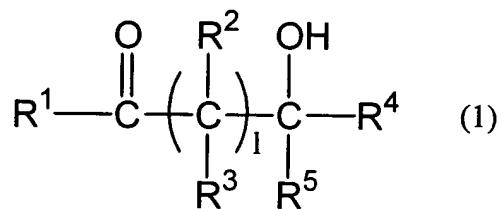
**In the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims**

1. (Original) A photosensitive resin precursor composition comprising:

- (a) a heat resistant resin precursor polymer;
- (b) a radiation sensitive compound; and
- (c) a solvent expressed by formula (1):



wherein R<sup>1</sup> represents an alkyl group having a carbon number in the range of 1 to 3, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> are each selected from among hydrogen and alkyl groups having carbon numbers in the range of 1 to 3, and l represents an integer in the range of 0 to 3.

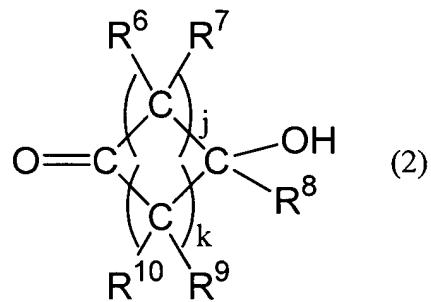
2. (Currently Amended) A photosensitive resin precursor composition ~~according to~~

~~Claim 1, wherein the solvent is comprising:~~

(a) a heat resistant resin precursor polymer;

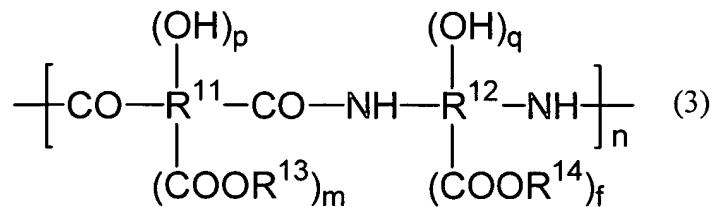
(b) a radiation sensitive compound; and

(c) a solvent expressed by formula (2):



wherein R<sup>6</sup> to R<sup>10</sup> are each selected from among hydrogen and alkyl groups having carbon numbers in the range of 1 to 3, and j and k are each an integer in the range of 0 to 3 and satisfy the relationship j + k ≥ 2.

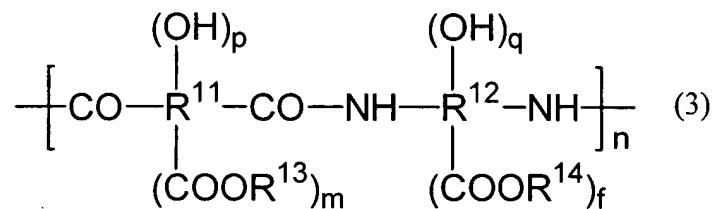
3. (Currently Amended) A photosensitive resin precursor composition according to Claim 1 or 2, wherein the heat resistant resin precursor polymer comprises a structural unit expressed by formula (3):



wherein  $\text{R}^{11}$  and  $\text{R}^{12}$  are each an organic group having a carbon number of at least 2 and a valence in the range of 2 to 8,  $\text{R}^{13}$  and  $\text{R}^{14}$  are each selected from among hydrogen and organic groups having a carbon number in the range of 1 to 20,  $n$  is in the range of 10 to 100000,  $m$  and  $f$  are each an integer in the range of 0 to 2, and  $p$  and  $q$  are each an integer in the range of 0 to 4 and satisfy the relationship  $p + q > 0$ .

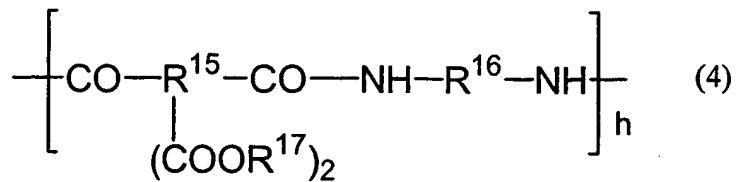
4. (Currently Amended) A photosensitive resin precursor composition according to Claims 1 or 2, wherein the radiation sensitive compound is a quinone diazide.

5. (Currently Amended) A photosensitive resin precursor composition according to Claims 1 or 2, wherein the heat resistant resin precursor polymer comprises a structural unit expressed by formula (3) and wherein the radiation sensitive compound is a quinone diazide.



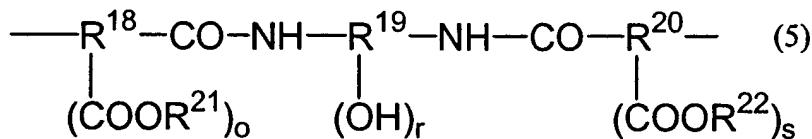
wherein R<sup>11</sup> and R<sup>12</sup> are each an organic group having a carbon number of at least 2 and a valence in the range of 2 to 8, R<sup>13</sup> and R<sup>14</sup> are each selected from among hydrogen and organic groups having a carbon number in the range of 1 to 20, n is in the range of 10 to 100000, m and f are each an integer in the range of 0 to 2, and p and q are each an integer in the range of 0 to 4 and satisfy the relationship p + q > 0.

6. (Original) A photosensitive resin precursor composition according to Claim 1, wherein the heat resistant resin precursor polymer comprises a structural unit expressed by formula (4):



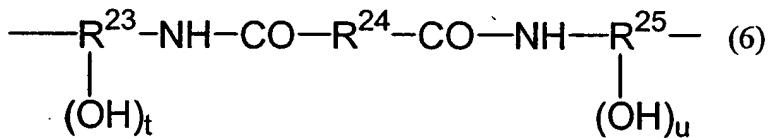
wherein R<sup>15</sup> represents an organic group having a carbon number of at least 2 and a valence in the range of 2 to 8, R<sup>16</sup> represents an organic group having a carbon number of at least 2 and a valence in the range of 2 to 6, R<sup>17</sup> represents an organic group having a carbon-carbon unsaturated double bond capable of dimerization or polymerization by actinic radiation and having a carbon number in the range of 1 to 30, and h is in the range of 10 to 100000.

7. (Original) A photosensitive resin precursor composition according to Claim 3, wherein  $R^{11}(COOR^{13})_m(OH)_p$  in formula (3) is expressed by formula (5):



wherein  $R^{18}$  and  $R^{20}$  each represent an organic group having a carbon number in the range of 2 to 20 and a valence in the range of 2 to 4,  $R^{19}$  represents an organic group having a carbon number in the range of 3 to 20 and a valence in the range of 3 to 6 and having a hydroxy group,  $R^{21}$  and  $R^{22}$  are each selected from among hydrogen and organic groups having carbon numbers in the range of 1 to 20, o and s each represent an integer in the range of 0 to 2, and r represents an integer in the range of 1 to 4.

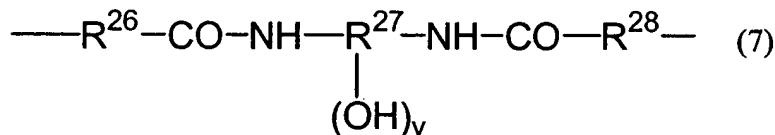
8. (Original) A photosensitive resin precursor composition according to Claim 3, wherein  $R^{12}(COOR^{14})_f(OH)_q$  in formula (3) is expressed by formula (6):



wherein  $R^{23}$  and  $R^{25}$  each represent an organic group having a carbon number in the range of 2 to 20 and a valence in the range of 3 to 4 and having a hydroxy group,  $R^{24}$  represents a

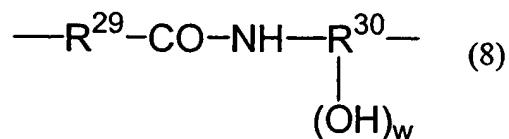
divalent organic group having a carbon number in the range of 2 to 30, and t and u each represent an integer of 1 or 2.

9. (Original) A photosensitive resin precursor composition according to Claim 3, wherein  $R^{12}(COOR^{14})_t(OH)_q$  in formula (3) is expressed by formula (7):



wherein  $\text{R}^{26}$  and  $\text{R}^{28}$  each represent a divalent organic group having a carbon number in the range of 2 to 20,  $\text{R}^{27}$  represents an organic group having a carbon number in the range of 3 to 20 and a valence in the range of 3 to 6 and having a hydroxy group, and  $v$  represents an integer in the range of 1 to 4.

10. (Original) A photosensitive resin precursor composition according to Claim 3, wherein  $R^{12}(COOR^{14})_f(OH)_q$  in formula (3) is expressed by formula (8):



wherein  $R^{29}$  represents a divalent organic group having a carbon number in the range of 2 to 20,  $R^{30}$  represents an organic group having a carbon number in the range of 3 to 20 and a valence in the range of 3 to 6 and having a hydroxy group, and  $w$  represents an integer in the range of 1 to 4.

11. (Original) A photosensitive resin precursor composition according to Claim 3, wherein  $m$ ,  $f$ , and  $p$  in formula (3) are 0.

12. (Original) A photosensitive resin precursor composition according to Claim 3, wherein, in formula (3),  $m$  is 2 and  $f$  is 1 or 2.